

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number  
**WO 01/16281 A1**

(51) International Patent Classification<sup>7</sup>: C11D 17/00, (74) Agents: REED, T., David et al.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(21) International Application Number: PCT/US00/23316

(22) International Filing Date: 27 August 2000 (27.08.2000)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/151,232 27 August 1999 (27.08.1999) US

(71) Applicant (for all designated States except US): THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): DEPOOT, Karel, Jozef, Maria [BE/BE]; Boulezaan 9, B-8790 Waregem (BE). DEBUZZACCARINI, Francesco [IT/BE]; 5, Koningin Astridlaan, B-2870 Breendonk (BE). ROGGE-BAND, Rob [NL/BE]; R.W.V. Havrelaan 195/6, B-2900 Schoten (BE).

(81) Designated States (national): AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KR (utility model), KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— With international search report.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 01/16281 A1

(54) Title: AQUEOUS LIQUID DETERGENT COMPOSITIONS COMPRISING A POLYMERIC STABILIZATION SYSTEM

(57) Abstract: The present invention relates to aqueous liquid detergent compositions and methods of using such compositions to launder fabrics. More specifically, the present invention relates to aqueous liquid detergent compositions comprising one or more particulate solids, such as peroxy carboxylic acids, and a polymeric stabilization system.